



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant** : **Jithamithra Sarathy, et al.**

**Title of Invention** : **METHOD FOR BIT-RATE AND FORMAT  
INSENSITIVE PERFORMANCE MONITORING OF  
LIGHTWAVE SIGNALS**

**Filed** : **May 9, 2001**

**Serial No.** : **09/852,582**

**Examiner** : **NGUYEN, Joseph**

**Art Unit** : **2815**

**Attorney Docket No.** : **312/12**

**Box Amendment**  
**Commissioner for Patents**  
**Washington, DC 20231**

**AMENDMENT**

Sir:

This is responsive to the Office Action dated September 16, 2002, in connection with the above-referenced patent application.

**IN THE CLAIMS:**

The applicants have deleted claims 30 and 32, amended claims 1, 5, 31 and 33, and have added claims 34 and 35, as follows.

1. (Twice Amended) A semiconductor device comprising:  
a waveguide core for passing light therethrough;  
a grating with a tunable effective index for reflecting one or more wavelengths of  
said light;